Targeting Mathematics
Links to CAPS topics Grades 1 to 3

Content area: Numbers, operations and relationships				
Topic	Grade	TM LB pages	Additional content offered	Notes
1.1 Count objects	1	Book 1A pp. 2–10, 76–83 Book 1B pp. 2–5, 40, 43	• Counting up to 100 (pp. 40–41)	
	2	Book 2A pp. 2–6	• Counting 100 to 1 000 • Odd and even numbers (pp. 22–25)	
	3	Book 3A pp. 2–9	• Counting to 10 000 • Odd and even numbers (p. 5)	• Book 2A pp. 5–6 can also be used.
1.2 Count forwards and backwards	1	Book 1A pp. 6–7, 80–81 Book 1B pp. 4–5, 40–41		• Counting is only in tens, but twos and fives are covered under number patterns.
	2	Book 2A pp. 5–6, 74–81	• Counting to 1 000	• No counting backwards
	3	Book 3A pp. 6–9	• Counting to 10 000	• No counting backwards
1.3 Number symbols and number names	1	Book 1A pp. 4–5, 78–79 Book 1B pp. 4–5, 38–41	• Number names go up to 100	• Dollar ($) currency is used here.
	2	Book 2A pp. 5–9	• Number names and symbols go up to 1 000	
	3	Book 3A pp. 7–11	• Numbers to over 6 000	

TM = Targeting Mathematics

Content area: Numbers, operations and relationships

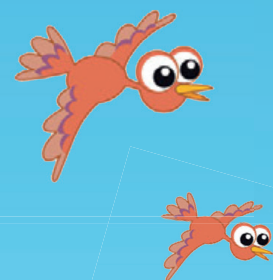| Topic	Grade	TM LB pages	Additional content offered	Notes
1.4 Describe, compare and order numbers	1	Book 1A pp. 11–15, 54–61, 84–89 Book 1B pp. 8–15, 44–46	• Numbers up to 89	• No number lines
	2	Book 2A pp. 13–18	• Numbers up to 1 000	
	3	Book 3A pp. 13–20	• Numbers up to 10 000	• No ordinal numbers
1.5 Place value	1	Book 1B pp. 6–7, 42	• Numbers up to 99	
	2	Book 2A pp. 10–12	• Numbers up to 1 000	
	3	Book 3A pp. 10–15	• Numbers up to 10 000	
1.6 Problem-solving techniques	1	Whole book		• No number lines
	2	Whole book		• No number lines
	3	Whole book		
1.7 Addition and subtraction	1	Book 1A pp. 24–53, 90–119 Book 1B pp. 20–37, 50–52, 57	• Addition equations (1A pp. 30–32) • Addition stories (1A pp.34–35) • Subtraction equations (1A pp.43–44) • Subtraction stories (1A p. 51) • Three-digit numbers (1B p. 34) • Numbers up to 40 and up to 100	• Unfamiliar/foreign words: rambutan(s)
	2	Book 2A pp. 28, 30, 43, 52–61 Book 2B pp. 2–11	• Numbers up to 1 000	
	3	Book 3A pp. 26–34	• Numbers up to 1 000	

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1.8 Repeated addition leading to multiplication	1	Book 1B pp. 90–93	• Actual multiplication (pp. 95–103)	
	2	Book 2A pp. 62–80	• Actual multiplication (pp. 66–72,74–75, 78)	
	3	Book 3A pp. 56–66		• Book 3A pp. 108–113 has special focus on word problems of × and ÷ with totals greater than 1 000. • Book 3A pp. 78–85 has mixed × and ÷ content. • **Digital add-on:** Multi Master (Book 3A p. 78)
1.9 Grouping and sharing leading to division	1	Book 1B pp. 104–117	• Division stories (pp. 112–113)	• Unfamiliar/foreign words: rambutan(s)
	2	Book 2A pp. 82–88, 107–114	• Numbers up to 60 • Actual division done	• Unfamiliar/foreign words: mangosteens
	3	Book 3A pp. 72–77, 97		• Unfamiliar/foreign words: kueh tutus • Book 3A pp. 108–113 has special focus on word problems of × and ÷ with totals greater than 1 000. • Book 3A pp. 78–85 has mixed × and ÷ content. • **Digital add-on:** Multi Master (Book 3A p. 78)
1.10 Sharing leading to fractions	1			• Not required for Gr 1 (CAPS)
	2	Book 2B pp. 12–20		
	3	Book 3B pp. 26–29		

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Topic	Grade	TM LB pages	Additional content offered	Notes
1.11 Money	1	–		• CAPS content is covered, but non-SA currency is used. (Book 1B pp. 74–89) • Unfamiliar/foreign words: mee rebus
	2	–		• CAPS content is covered, but non-SA currency is used. (Book 2B pp. 72–97)
	3	–		• CAPS content is covered, but non-SA currency is used. (Book 3A pp. 114–137) • Unfamiliar/foreign words: satay
1.12 Techniques (methods or strategies)	1	Whole book		• This is the Singapore Maths approach • No number lines
	2	Whole book		• This is the Singapore Maths approach • No number lines
	3	Whole book		• This is the Singapore Maths approach • No rounding off in tens
1.13 Addition and subtraction	1	Book 1A pp. 16–23 Book 1B pp. 23–25, 28–33, 53–56, 58–63	• Numbers up to 40 and 100	
	2	Book 2A pp. 29, 31–42, 44–51	• Numbers up to 1 000	• **Digital add-on:** Add and Sub Master (p. 31)
	3	Book 3A pp. 35–55		• Special Mental Maths section (pp. 43–45)

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Topic	Grade	TM LB pages	Additional content offered	Notes
1.14 Repeated addition leading to multiplication	1	Book 1B pp. 90–94	• Actual multiplication (pp. 95–103)	
	2	Book 2A pp. 64–65, 73	• Actual multiplication (pp. 73, 76, 77, 79–81) • × with ÷ (pp. 89–95, 96–106)	• **Digital add-on:** Times Tables (p. 72) • **Digital add-on:** Multi Master (p. 90)
	3	Book 3A pp. 67–71, 78–96	• Also × by 6, 7, 8 and 9 • Totals > 1 000	• Pages 78–85 has mixed × and ÷ content • **Digital add-on:** Times Tables (p. 67) • **Digital add-on:** Multi Master (p. 78)
1.15 Division	1		• Actual division (1B pp. 104–117)	• Not required for Gr 1 (CAPS)
	2		• Actual division (2A pp. 82–88, 107–114) • ÷ and × (2A pp. 89–95)	• Not required for Gr 2 (CAPS) • **Digital add-on:** Multi Master (p. 90)
	3	Book 3A pp. 97–108	• Also ÷ by 6, 7, 8 and 9 (pp. 72-85)	• Book 1B pp. 104–117 • Book 2A pp. 70–88, 96–106 can be used for this content as it covers ÷ by 2, 3, 4, 5 and 10. • Book 3A pp. 78–85 has mixed × and ÷ content. • **Digital add-on:** Multi Master (p. 78)

Content area: Numbers, operations and relationships

Topic	Grade	TM LB pages	Additional content offered	Notes
1.16 Mental mathematics	1	Whole book		• There is little to no dedicated sections for Mental Maths, but there are many mental maths activities throughout the books under the headings "Hands-on Activity" or "Do-and-learn".
	2	Whole book		• There is little to no dedicated sections for Mental Maths, but there are many mental maths activities throughout the books under the headings "Hands-on Activity" or "Do-and-learn".
	3	Whole book		• There is little to no dedicated sections for Mental Maths, but there are many mental maths activities throughout the books under the headings "Hands-on Activity" or "Do-and-learn".
1.17 Fractions	1			• Not required for Gr 1 (CAPS)
	2	Book 2B pp. 17–19	• Compare and order fractions (pp. 21–24) • Add and subtract like fractions (pp. 25–29)	• **Digital add-on:** Fraction Factory (p. 23)
	3	Book 3B pp. 29–48	• Add and subtract like fractions (pp. 49–57)	• **Digital add-on:** Fraction Master (p. 47)

Content area: Patterns, functions and algebra

Topic	Grade	TM LB pages	Additional content offered	Notes
2.1 Geometric patterns	1	Book 1A pp. 72–75		• No content for Term 4: Patterns around us • **Digital add-on:** My Shape (p. 74)
	2	Book 2B pp. 44–45, 50–53		• No content for Term 4: Patterns around us • **Digital add-on:** Shape Patterns (p. 45)
	3	–		• Book 2B pp. 44–45 can be used to cover this content.
2.2 Number patterns	1	Book 1B pp. 16–19, 47–49		
	2	Book 2A pp. 19–25	• Number patterns 400 to 1 000	• Book 1B pp. 47–49 can be used for Term 1 content.
	3	Book 3A p. 21	• Number patterns up to 10 000 (pp. 22–25)	• Book 2A pp. 20–25 can also be used for this content.

Content area: Space and shape (Geometry)

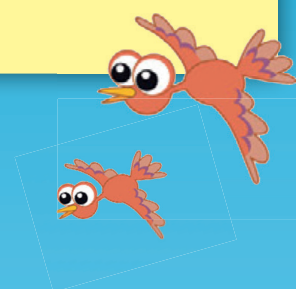| Topic	Grade	TM LB pages	Additional content offered	Notes
3.1 Position, orientation and views	1	–		• This content is not covered in the books.
	2			
	3			
3.2 3-D objects	1	–		• Book 2B pp. 46–49 can be used for this content. It also contains additional content.
	2	Book 2B pp. 46–49	• Cones are also covered.	• **Digital add-on:** 3D Model maker (p. 49)
	3	–		• This content is introduced in Book 1A (pp. 62–66). • The content is covered in Book 2B (pp. 46–49)
3.3 2-D shapes	1	Book 1A pp. 62–71	• Rectangles are also covered.	
	2	Book 2B pp. 30–43	• Making figures (pp. 38–39)	
	3	–		• The content is covered in Book 2B (pp. 30–43) with addition of making figures (pp. 38–39).
3.4 Symmetry	1	–		• This content is not covered in the books.
	2			
	3			

Content area: Measurement

Topic	Grade	TM LB pages	Additional content offered	Notes
4.1 Time	1	Book 1B pp. 19, 64–73	• Make a clockface (p. 69) • Telling time to the hour (pp. 66–67) • Telling time to the halfhour (pp. 71–72)	• The following is not covered: – days of the week, months of the year – using words such as early/late etc. – using language such as longer/shorter/yesterday etc.
	2	Book 2B pp. 54–71	• Digital clocks (pp. 54–55, 66) • Use of a.m. and p.m. (pp. 62–71) • Telling time to 5 minutes (pp. 57–59)	• Telling time to the hour and the ½-hour is introduced in Book 1B pp. 66–67 and pp. 71–73 • The following is not covered: – calendars – quarter-hours
	3	Book 3B pp. 2–25	• Telling time to 1 min and to 5 min (pp. 4–6) • Conversion between hours and minutes (p. 8) • Time zones (p. 19)	• The following is not covered: – calendars – conversions of days, weeks and months – digital clocks, but the concept is in Book 2B pp. 54–55, 66
4.2 Length	1	Book 1A pp. 120–128		• The content does not cover width.
	2	Book 2A pp. 116–143	• Length in cm (pp. 123–130) • Appropriate units of measurement (pp. 131–132) • Word problems with +, −, ×, ÷ (pp. 137–142)	• The content does not cover informal measurement, but the concepts are in Book 1A pp. 120–128
	3	Book 3A pp. 138–151	• Conversion of cm and m (pp. 140–142) • Measurement in km (pp. 145–147) • Conversion of m and km (pp. 148–149) • Word problems (pp. 150–151)	• One of the activities uses a map of Singapore.

Content area: Measurement				
Topic	Grade	TM LB pages	Additional content offered	Notes
4.3 Mass	1	–		• This content is covered in Book 2A pp. 146–147
	2	Book 2A pp. 144–163	• Grams (pp. 152–153) • Appropriate units of measurement (pp. 154–155) • Word problems with +, –, ×, ÷ (pp. 159–163)	• The content does not cover descriptions such as close to/ almost etc. • Unfamiliar/foreign words: durian, jackfruit
	3	Book 3A pp. 152–158	• Conversion of kg and g (pp. 155–156) • Word problems (pp. 157–158)	• The content does not cover informal measurement, but the concepts are in Book 2A pp. 146–147
4.4 Capacity/ volume	1	–		• Volume is covered in Book 2B pp. 100–103
	2	Book 2A pp. 98–115	• Word problems with +, –, ×, ÷ (pp. 111–115)	• The following is not covered: – descriptions such as almost/ nearly etc. – capacity, but the concepts are in Book 3A pp. 162–168
	3	Book 3A pp. 159–168	• Conversion of litre and millilitre (p. 165) • Word problems (pp. 166–168)	• The following is not covered: – informal measurement of capacity. – ½-litres and ¼-litres
4.5 Perimeter and area	1			• Not required for Gr 1 (CAPS)
	2			• Not required for Gr 2 (CAPS)
	3	Book 3B pp. 86–111	• Using cm (pp. 89–91) • Using cm^2 (p. 98–111)	

Content area: Data handling

Topic	Grade	TM LB pages	Additional content offered	Notes
5.1 Collect and sort objects 5.2 Represent objects 5.3 Discuss and report 5.4 Collect and organise data 5.5 Represent data 5.6 Analyse and interpret data	1	Book 1B pp. 118–127		• Pictographs are called picture graphs. • Dollar currency is used. • Unfamiliar/foreign words: yam cake, lapis sagu, nasi lemak, roti prata
	2	Book 2B pp. 116–132	• Pictographs with more than one to one correspondence (p. 119) • Solving problems (pp. 129–132)	• Pictographs are called picture graphs. • Dollar currency is used. • Picture graphs with scales refer to more than one to one correspondence. • **Digital add-on:** Picture Grapher (p. 127)
	3	Book 3B pp. 112–128	• Horizontal bar graphs (p. 118 onwards) • Pictographs with more than one to one correspondence (p. 119) • Solving problems (pp. 123–125) • Double bar graphs (p. 128)	• Pictographs are called picture graphs. • Dollar currency is used. • Unfamiliar/foreign words: mee goreng, prata, bubble tea, handphone • **Digital add-on:** Bar Grapher (p. 120)

Buddies